

INDUSTRIAL COMPONENT DATA

CP1W-20EDT CP1W9260F CP1W20EDT,2 OMRON Module Expansion 12/8 I/O NPN

Brand: OMRON | Manufacturer Part Number: CP1W-20EDT



Manufacturer	OMRON
MPN / Reference	CP1W-20EDT
Catalog number	CP1W20EDT.2
Category	PLC digital I/O-module
Minimum order	1 Pcs
Document ID	EO-4BCE129E90
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Product Overview

Module Expansion 12/8 I/O NPN

I/O expansion unit, 12 x 24 VDC inputs, 8 x NPN outputs 0.3 A

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Control Systems > CP1

Additional Product Information

Type of module Digital I/O
Number of digital inputs 12
Digital input type PNP/NPN
OFF/ON delay 0.1-1 ms
Permitted voltage at input 20.4-26.4 V
Number of digital outputs 8
Digital output type NPN
Output current 0.3 A
Permitted voltage at output 4.5-30 V
Product Height (unpacked) 90 mm
Product Width (unpacked) 86 mm
Product Depth (unpacked) 50 mm
Product Weight (unpacked) 300 g

ETIM for 670912 PLC's (EC001419)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Type of voltage (input voltage) (EF003033)

DC

Type of output voltage (EF008222)

DC

Performance level according to EN ISO 13849-1 (EF007399)

Level a

Type of digital output (EF003601)

None

Type of electric connection (EF003961)

Screw connection

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Digital inputs configurable (EF008516)

Yes

Digital outputs configurable (EF008520)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Appendant operation agent (Ex ia) (EF004141)

No

Redundancy (EF003156)

No

Suitable for safety functions (EF001597)

No

Short-circuit protection, outputs available (EF003203)

No

Input current at signal 1 (EF001428)

5 mA

Number of digital outputs (EF001993)

8

Output current (EF003202)

0.3 A

Width (EF000008)

86 mm

Number of digital inputs (EF001992)

12

Height (EF000040)

90 mm

Depth (EF000049)

50 mm

Time delay at signal change (EF002382)

0.1 ms

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-20EDT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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